



PTO/SB/08a (08-03)

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                   |
|   |   |    |   | Application Number       | 10/656,478        |
|   |   |    |   | Filing Date              | September 5, 2003 |
|   |   |    |   | First Named Inventor     | Hassan Mostafavi  |
|   |   |    |   | Art Unit                 | 2624              |
|   |   |    |   | Examiner Name            | Matthew C. Bella  |
| Sheet   | 1 | of | 2 | Attorney Docket Number   | VM7031422002      |

| U.S. PATENT DOCUMENTS  |                          |  |                                |  |   |
|------------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| AA                     | 1                        | US- 4,672,651                              | 06/09/1987                     | Horiba et al.                                      |   |
| AA                     | 2                        | US- 5,573,012                              | 11/12/1996                     | McEwan   |   |
| AA                     | 3                        | US- 6,940,945 B2                           | 09/06/2005                     | Maschke  |   |
| AA                     | 4                        | US- 7,003,146 B2                           | 02/21/2006                     | Eck et al.   |   |
| AA                     | 5                        | US- 2005/0054916 A1                        | 03/10/2005                     | Mostafavi  |   |
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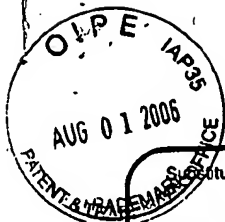
| FOREIGN PATENT DOCUMENTS |                          |   |                                |   |  |                |
|--------------------------|--------------------------|---|--------------------------------|---|--|----------------|
| Examiner<br>Initials *   | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>3</sup> |
|                          |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |   |  |                |
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|-----------------------|------------------|--------------------|------------|
| Examiner<br>Signature | /Andrae Allison/ | Date<br>Considered | 11/29/2006 |
|-----------------------|------------------|--------------------|------------|

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|   |                        | Application Number       | 10/656,478        |
|   |                        | Filing Date              | September 5, 2003 |
|   |                        | First Named Inventor     | Hassan Mostafavi  |
|   |                        | Art Unit                 | 2624              |
|   |                        | Examiner Name            | Matthew C. Bella  |
| Sheet 2 of 2  | Attorney Docket Number | VM7031422002             |                   |

| U.S. PATENT DOCUMENTS |                       |  |                             |   |   |
|-----------------------|-----------------------|--|-----------------------------|---|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number                            | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| Examiner Signature | /Andrae Allison/ | Date Considered | 11/29/2006 |
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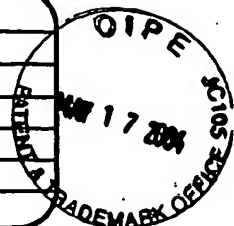
**Complete If Known**

|                        |                    |
|------------------------|--------------------|
| Application Number     | 10/656,478         |
| Filing Date            | September 5, 2003  |
| First Named Inventor   | Hassan Mostafavi   |
| Group Art Unit         | Not Yet Assigned   |
| Examiner Name          | Not Yet Assigned   |
| Attorney Docket Number | 2018721-7031422002 |

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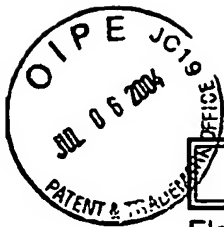
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| Attorney Docket Number | 2018721-7031422002 |
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11/29/2006


<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

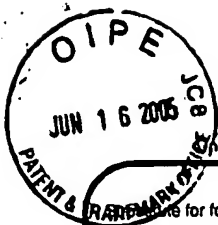
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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
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| <b>Title of<br/>Invention</b>  | <b>Systems and Methods for Tracking Moving Targets and<br/>Monitoring Object Positions</b> |             |            |           |      |           |          |       |          |    |   |             |            |       |  |  |  |               |      |                  |            |
|--|--|-------------|------------|-----------|------|-----------|----------|-------|----------|----|---|-------------|------------|-------|--|--|--|---------------|------|------------------|------------|
| <p>Application Number: 10/656478 </p> <p>Confirmation Number: 8695</p> <p>First Named Applicant: Hassan Mostafavi</p> <p>Attorney Docket Number: VM7031422002</p> <p>Art Unit: 2621</p> <p>Examiner: Andrew W Johns</p> <p>Search string: ( 20040114718 ).pn.</p> <p><b>US Published Applications</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Published Applications</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Pub. No.</th><th>Date</th><th>Applicant</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>AA</td><td>1</td><td>20040114718</td><td>2004-06-17</td><td>Brown</td><td></td><td></td><td></td></tr></tbody></table> <p><b>Signature</b></p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td>/Andrae Allison/</td><td>11/29/2006</td></tr></tbody></table> |  | init        | Cite.No.   | Pub. No.  | Date | Applicant | Kind     | Class | Subclass | AA | 1 | 20040114718 | 2004-06-17 | Brown |  |  |  | Examiner Name | Date | /Andrae Allison/ | 11/29/2006 |
| init   | Cite.No.   | Pub. No.    | Date       | Applicant | Kind | Class     | Subclass |       |          |    |   |             |            |       |  |  |  |               |      |                  |            |
| AA   | 1  | 20040114718 | 2004-06-17 | Brown     |      |           |          |       |          |    |   |             |            |       |  |  |  |               |      |                  |            |
| Examiner Name  | Date   |             |            |           |      |           |          |       |          |    |   |             |            |       |  |  |  |               |      |                  |            |
| /Andrae Allison/   | 11/29/2006   |             |            |           |      |           |          |       |          |    |   |             |            |       |  |  |  |               |      |                  |            |



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/656,478        |
| Filing Date            | September 5, 2003 |
| First Named Inventor   | Hassan MOSTAFAVI  |
| Art Unit               | 2621              |
| Examiner Name          | Andrew W. Johns   |
| Attorney Docket Number | VM7031422002      |

### NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published | T <sup>2</sup> |
|-----------------------|--------------------------|---|----------------|
| AA                    | 1                        | International Search Report and Written Opinion for PCT/US2004/028756 dated March 15, 2005  |                |
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Examiner's  
Signature

/Andrae Allison/

Date  
Considered 11/29/2006

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| Substitute for form 1449B/PTO   |   |    |   | <div>Complete if Known</div> <div>Application Number 10/656,478</div> <div>Filing Date September 5, 2003</div> <div>First Named Inventor Hassan Mostafavi</div> <div>Art Unit 2624</div> <div>Examiner Name Matthew C. Bella</div> <div>Attorney Docket Number VM7031422002</div> |  |
| <div>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div>(Use as many sheets as necessary)</div> |   |    |   |   |  |
| Sheet   | 2 | of | 2 |   |  |

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**Complete if Known**

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| <b>Application Number</b>     | <b>10/656,478</b>        |
| <b>Filing Date</b>            | <b>September 5, 2003</b> |
| <b>First Named Inventor</b>   | <b>Hassan MOSTAFAVI</b>  |
| <b>Art Unit</b>               | <b>2621</b>              |
| <b>Examiner Name</b>          | <b>Andrew W. Johns</b>   |
| <b>Attorney Docket Number</b> | <b>VM7031422002</b>      |

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/Andrae Allison/

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Electronic Version v18

Stylesheet Version v18.0

**Title of  
Invention****SYSTEMS AND METHODS FOR TRACKING MOVING  
TARGETS AND MONITORING OBJECT POSITIONS**

Application Number : 10/656478  
Confirmation Number: 8695  
First Named Applicant: Hassan MOSTAFAVI  
Attorney Docket Number: 2018721-7031422002  
Art Unit: 2621  
Examiner: Andrew W. Johns  
Search string: ( 20030099388 or 20040234115 ).pn

**US Published Applications****Note: Applicant is not required to submit a paper copy of cited US Published Applications**

| init | Cite.No. | Pub. No.    | Date       | Applicant   | Kind | Class | Subclass |
|------|----------|-------------|------------|-------------|------|-------|----------|
| AA   | 1        | 20030099388 | 2003-05-29 | Doi et al.  |      |       |          |
| AA   | 2        | 20040234115 | 2004-11-25 | Zijp et al. |      |       |          |

**Signature**

| Examiner Name    | Date       |
|------------------|------------|
| /Andrae Allison/ | 11/29/2006 |

**IDS - 03/03/2015 ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18

Stylesheet Version v18.0

**Title of  
Invention****SYSTEMS AND METHODS FOR TRACKING MOVING  
TARGETS AND MONITORING OBJECT POSITIONS**

Application Number : 10/656478  
Confirmation Number: 8695  
First Named Applicant: Hassan MOSTAFAVI  
Attorney Docket Number: 2018721-7031422002  
Art Unit: 2621  
Examiner: Andrew W. Johns  
Search string: ( 6487274 ).pn

**US Patent Documents****Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

| init | Cite.No. | Patent No. | Date       | Patentee | Kind | Class | Subclass |
|------|----------|------------|------------|----------|------|-------|----------|
| AA   | 1        | 6487274    | 2002-11-26 | Bertsche |      |       |          |

**Signature**


| Examiner Name    | Date       |
|------------------|------------|
| /Andrae Allison/ | 11/29/2006 |

**IDS - 02/18/2015 ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18

Stylesheet Version v18.0

**Title of  
Invention****SYSTEMS AND METHODS FOR TRACKING MOVING  
TARGETS AND MONITORING OBJECT POSITIONS**

Application Number : 10/656478 

Confirmation Number: 8695

First Named Applicant: Hassan MOSTAFAVI

Attorney Docket Number: 2018721-7031422002

Art Unit: 2621

Examiner: Andrew W. Johns

Search string: ( 6125166 or 6370417 or 6535574 or 6678399 or 6766064 ).pn

**US Patent Documents****Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

| init | Cite.No. | Patent No. | Date       | Patentee          | Kind | Class | Subclass |
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**Signature**

| Examiner Name    | Date       |
|------------------|------------|
| /Andrae Allison/ | 11/29/2006 |